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Cc: Wall, Dan[wall.dan@epa.gov]; Greene, Nikia[Greene.Nikia@epa.gov]; David Shanight[shanightdt@cdmsmith.com]
From: Woodbury, Lynn[woodburyl@cdmsmith.com]
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Subject: Lit search approach & today's Hailer response

Draft, Confidential

Charlie –

I spoke briefly to Dan this morning and looped him in on the literature search strategy we discussed yesterday afternoon. He was on board with the approach of performing a more focused literature evaluation, that relied upon recent (2000-present) key studies as the basis for identifying other potentially relevant papers of interest rather than a broad spectrum search. I will keep the focus on any studies that establish expected meconium metal concentrations (particularly for control/unimpacted/reference populations) and any information on meconium-based toxicity thresholds. I will continue to obtain papers, perform a cursory review, share these papers (with highlights for important information), and add any data to our table of supporting literature. I'll share this information as it becomes available.

During our call, Dan mentioned there were two new MT Standard stories that went out today. I was just reading the news article this morning with Hailer's response - https://mtstandard.com/news/local/hailer-responds-to-criticism-of-study-from-epa-others/article_f534c63d-797a-53d3-b62b-55035dfaa20b.html#tracking-source=home-top-story-1. I noticed that one thing she notes as to why their study and the other literature sources are different is because of sample prep and concentration reporting basis. She says their concentrations are based on wet weight (although that is not stated in their journal article and would be an odd choice). I'm fairly certain most of the studies we have summarized are presented in terms of dry weight. Thus, I'm going to look through the literature we have to identify the range of moisture content for meconium to see how that may influence any comparisons.

Thanks,
Lynn

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